



PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

EXAM OF 2025

SEMESTER PATTERN EXAMINATION

DRAFT PROGRAM OF M.SC. PHYSICS (NANO PHYSICS) SEMESTER – I TO IV OCT./NOV.- 2025

1. Student should see their Seat No. and Name in the Name list and mistakes if any should be communicate to this office immediately. All candidates are requested to confirm their Examination Seat No. as well as place of examination on the Notice Board of the University/College mentioned below at least two days before the date of Examination. The candidate should write correct Seat No. on each answer book. If candidate writes wrong Seat No. on answer Book the performance of such subject will not be considered.
2. Candidate are requested to be present at their respective places of the Examination **FIFTEEN MINUTES** before the time starting of first paper and **TEN MINUTES** before the time starting of each subsequent paper. Candidates are for bidden to take any book or paper in to the Examination Hall.
3. **Important Note:** Code Numbers given in the Bracket are Computer Code of respective Subjects, Students should mention these Code Numbers on Answer Books with Name of the Subject. Also write these Code Numbers on JSR (Junior Supervisor Report) and related documents.
4. All the Candidates are asked to follow the timely instructions given by University in accordance with the examinations methodology.

5. As per the Right of Person with Disabilities Act-2016 the persons with Disabilities are given 20 minutes extra for one paper hour for the Online/Offline exam. (केंद्र शासनाच्या अपंग व्यक्ती अधिकार अधिनियम २०१६ मधील तरतूदीनुसार अपंग विद्यार्थ्यांना ऑनलाईन व ऑफलाईन परीक्षेमध्ये सर्वसाधारण विद्यार्थ्यांपेक्षा १ तासाला कमीतकमी २० मिनीट इतका वेळ वाढवून देण्यास सर्वानुमते मान्यता देण्यात आली.)

ज्या विद्यार्थ्यांच्या जुन्या अभ्यासक्रमाप्रमाणे परीक्षा देण्याच्या संधी संपलेल्या आहेत व त्यांना आता नवीन अभ्यासक्रमाप्रमाणे समकक्ष पेपर (Equivalence subject) देणे आवश्यक आहे. अशा विद्यार्थ्यांनी नवीन अभ्यासक्रमा प्रमाणे द्यावायच्या समकक्ष विषयाची नावे व त्यांचे पेपर कोड यांचा तक्ता वेळापत्रकाच्या शेवटच्या पानावर प्रिंट करण्यात आला आहे. त्याप्रमाणे विद्यार्थ्यांनी सदर पेपर घ्यावेत.

Sr. No.	Center	College Abbreviation	Place
1	Barshi	SBZ	Shriman Bhausahab Zadbuke Mahavidyalaya, Barshi

Physics (NANO PHYSICS) SEM - I (New w.e.f. June 2023) (NEP CBCSPattern-2023)			
Day & Date	Paper No.	Sr. No.	Subject Time: 3:00 p.m. to 5:30 p.m
Wednesday 01/10/2025	DSC-1	1	Mathematical Physics (2306101)
Saturday 04/10/2025	DSC-2	2	Solid State Physics (2306102)
Tuesday 07/10/2025	DSE-1	3	Analog and Digital Electronics (2306106)
	DSE-2	4	OR Elements of Materials Science (2306107)
Thursday 09/10/2025	RM	5	Research Methodology in Physics (2306105)

PHYSICS (NANO PHYSICS) SEM–II (NEW w.e.f.Nov.2023) (NEP CBCSPattern-2023)			
Day & Date	Paper No.	Sr. No.	Subject Time: 11: 00 a.m. to 1:30 p.m
Friday 03/10/2025	DSC-3	6	Quantum Mechanics (2306201)
Monday 06/10/2025	DSC-4	7	Electrodynamics (2306202)
Wednesday 08/10/2025	DSE-2A	8	A) Classical Mechanics (2306206) OR
	DSE-2A	9	B)Conventional & Non conventional Energy (2306207)

PHYSICS (NANO PHYSICS) SEM–III (New w.e.f. June 2024) (NEP CBCSPattern-2023)			
Day & Date	Paper No.	Sr. No.	Subject Time: 11:00 a.m. to 1:30 p.m
Wednesday 01/10/2025	DSC-5	10	Statistical Physics (2306301)
Saturday 04/10/2025	DSC-6	11	Atomic and Molecular Physics (2306302)
Tuesday 07/10/2025	DSE-3A	12	A) Microcontroller and Interfacing (2306306) OR
	DSE-3B	13	B) Physics of Nanomaterials (2306307) OR
	DSE-3C	14	C) Energy Harvesting Devices (2306308) OR
	DSE-3D	15	D) Semiconductor Physics (2306309)

PHYSICS (NANO PHYSICS) SEM-IV (NEW w.e.f. Nov. 2024) (NEP CBCS Pattern-2023)			
Day & Date	Paper No.	Sr. No.	Subject Time: 3:00 p.m. to 5:30 p.m
Friday 03/10/2025	DSC-7	16	Physics of Semiconductor Devices (2306401)
Monday 06/10/2025	DSC-8	17	Nuclear and Particle Physics (2306402)
Wednesday 08/10/2025	DSE-4	18 19 20	A) Communication System (2306405) OR B) Advanced Techniques of Materials Characterization (2306406) C) Nanomaterials Characterization Techniques (2306407)

PHYSICS (NANO PHYSICS) SEM-IV (NEW w.e.f. June2021) (CBCS Pattern-2020) (Old up to OCT-2025)			
Day & Date	Paper No.	Sr. No.	Subject Time: 3:00 p.m. to 6:00 p.m
Friday 03/10/2025	HCT4.1	21	Semiconductor Devices (MSC09401)
Monday 06/10/2025	HCT4.2	22	Nuclear and Particle Physics (MSC09402)
Wednesday 08/10/2025	HCT 4.3	23	Characterization of Nano Materials (MSC09403)
Friday 10/10/2025	SCT4.1	24	A) Nano Material Fabrication Techniques (MSC09408) OR
	SCT4.2	25	B) Nano Electronics and Sensors (MSC09409)

Please Visit : sus.ac.in

Ref No.: PAHSUS/EXAM/TIME-TABLE/2025/1400

Date: 23/07/2025

Sd/-

Director

Board of Examinations and Evaluation

Equivalence Subject List

Pattern 2020 Paper Code	M.Sc Physics (Nano Physics) Sem-I OLD	Pattern 2023 Paper Code	M.Sc Physics (Nano Physics) Sem-I NEW
MSC09101	Mathematical Physics	2306101	Mathematical Physics
MSC09102	Solid State Physics	2306102	Solid State Physics
MSC09103	Analog and Digital Electronics	2306106	Analog and Digital Electronics
MSC09108	Classical Mechanics	2306206	Classical Mechanics
MSC09109	Elements of Material Science	2306107	Elements of Materials Science
Pattern 2020 Paper Code	M.Sc Physics (Nano Physics) Sem-II OLD	Pattern 2023 Paper Code	M.Sc Physics (Nano Physics) Sem-II NEW
MSC09201	Quantum Mechanics	2306201	Quantum Mechanics
MSC09202	Electrodynamics	2306202	Electrodynamics
MSC09206	Statistical Physics		
MSC09207	Analytical Techniques		
Pattern 2020 Paper Code	M.Sc Physics (Nano Physics) Sem-III OLD	Pattern 2023 Paper Code	M.Sc Physics (Nano Physics) Sem-III NEW
MSC09301	Semiconductor Physics	2306309	Semiconductor Physics
MSC09302	Atomic and Molecular Physics	2306302	Atomic and Molecular Physics
MSC09306	Functional Nanomaterials	2306307	Physics of Nanomaterials
MSC09307	Polymer Science and 4 Technology		